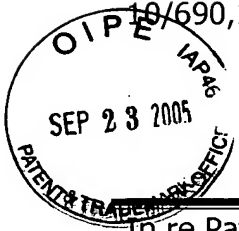


# CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, in an envelope, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 09-21-05

PATENT



Dated: September 21, 2005 By: Delia L. King

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Peter J. Hopper, et al.

Appln. No.: 10/690,181

Filed: October 21, 2003

For: OPTICAL SENSOR THAT MEASURES  
THE LIGHT OUTPUT BY THE  
COMBUSTION CHAMBER OF AN  
INTERNAL COMBUSTION ENGINE

Group Art Unit: 2878

Examiner: Suez Y. Ellis

AMENDMENT IN RESPONSE TO OFFICE  
ACTION DATED JUNE 23, 2005

### INTRODUCTORY COMMENTS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Official Action mailed June 23, 2005, please amend the above-identified application as indicated in the following:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper;

**Remarks** which begin on page 6 of this paper;

**Appendix A** which begins on page 15 of this paper; and

**Appendix B** which begins on page 16 of this paper.

AMENDMENT IN RESPONSE TO OFFICE  
ACTION DATED JUNE 23, 2005

Atty. Docket No. 100-23400  
(P05711)